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10.1 INTRODUCTION

This section provides a photographic overview of the facilities and operations that are discussed in Sections 2, 3 and 4 of this BA. The intent is to allow the reader to become familiar with project components and to understanding the proposed project. The photo tour starts in the upper portion of the Russian River and proceeds downstream. The first photos are of Lake Mendocino and Coyote Valley Dam on the East Fork of the Russian River. The photo tour proceeds downstream with pictures from the flow-habitat study in the mainstem Russian River. Photographs taken during the flow-habitat study illustrate differences in habitat conditions between current flow regime and the proposed flow regime. The tour then proceeds to Lake Sonoma and Dry Creek through the confluence with the mainstem to SCWA's main diversion facilities at Mirabel and Wohler. The next section of the tour shows examples of the constructed and natural channels maintained by SCWA for flood control on the Santa Rosa Plain. The tour concludes with views of the lower river and Estuary.



Photo 1. Lake Mendocino



Photo 2. Coyote Valley Dam



Photo 3. Coyote Valley Fish Facility



Photo 4. Coyote Valley Fish Facility Raceways



Photo 5. Coyote Valley Fish Facility – Juvenile Holding Area



Photo 6. Coyote Valley Fish Facility – Juvenile Volitional Release



Photo 7. Upper Russian River near Ukiah Sewage Treatment Plant



Photo 8. Upper Russian River at Ford Property near Hopland



Photo 9. Middle Russian River near Asti



Photo 10. Big Sulfur Creek. Tributary to Middle Russian River.



Photo 11. Lake Sonoma



Photo 12. Warm Springs Dam



Photo 13. Don Clausen Fish Hatchery below Warm Springs Dam

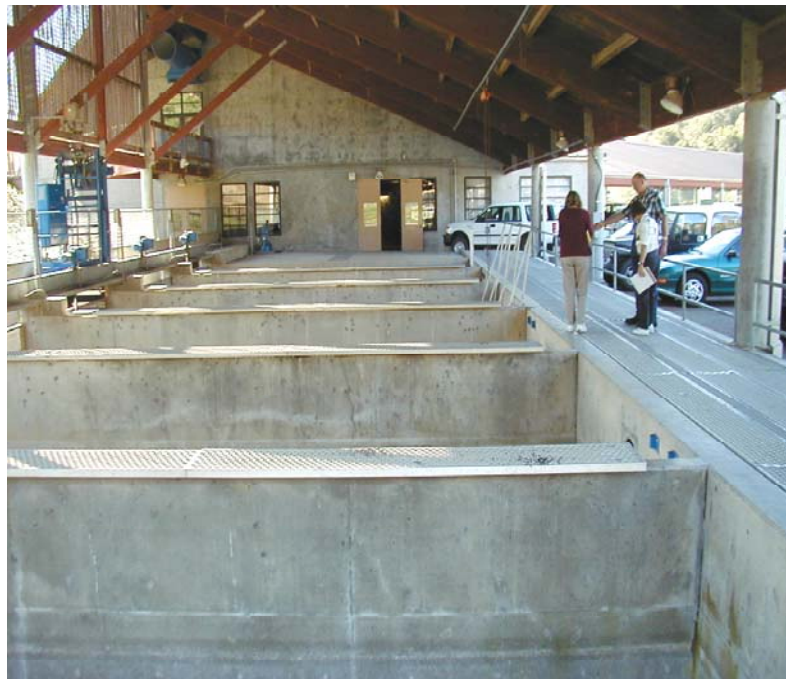


Photo 14. Don Clausen Fish Hatchery: Adult Holding Area



Photo 15. Don Clausen Fish Hatchery Aeration Facilities and Raceways



Photo 16. Don Clausen Fish Hatchery: Coho Rearing Facility



Photo 17. Dry Creek Flow-Habitat Study: Transect T-4, flow = 40 cfs



Photo 18. Dry Creek Flow-Habitat Study: Transect T-4, flow = 130 cfs



Photo 19. Dry Creek Flow-Habitat Study: Transect T-6, flow = 40 cfs



Photo 20. Dry Creek Flow-Habitat Study: Transect T-6, flow = 130 cfs



Photo 21. Dry Creek Flow-Habitat Study: Transect T-8, flow = 40 cfs



Photo 22. Dry Creek Flow-Habitat Study: Transect T-8, flow = 130 cfs



Photo 23. Dry Creek/Russian River Confluence



Photo 24. Aerial View of Mirabel Infiltration Ponds Looking Upstream. The Inflatable Dam is Located Near the Upstream End of the Ponds.



Photo 25. Wohler Pool near Inflatable Dam



Photo 26 Mirabel Dam Notching Study, Spring 2002



Photo 27. Mirabel Dam – Close-up of Notch in Dam



Photo 28. Russian River below Inflatable Dam at Mirabel



Photo 29. Top View of Intake Screens at Mirabel Diversion Facility (not operating)



Photo 30. Top View of Intake Screens at Mirabel Diversion Facility in Operation



Photo 31. Fish Ladder on West Side of Russian River below Mirabel Dam



Photo 32. Outlet of Fish Ladder below Mirabel Dam



Photo 33. Ranney Collectors at Mirabel



Photo 34. Close-up of Ranney Collector Housing at Wohler Bridge



Photo 35. Intake Screens at end of Culvert at Wohler Ponds



Photo 36. Infiltration Ponds at Wohler



Photo 37. Water Storage Tank

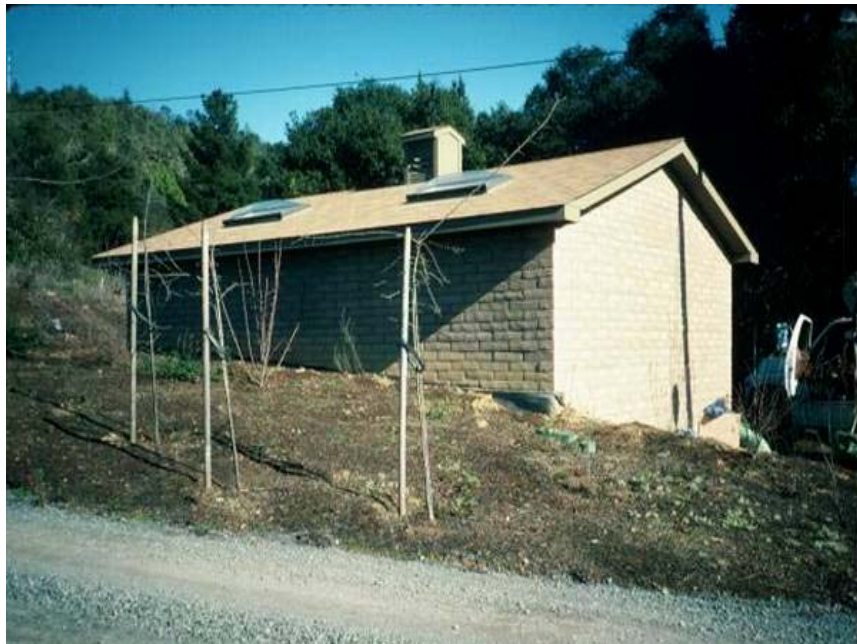


Photo 38. Booster Pump Station



Photo 39. Healdsburg Dam (seasonal)



Photo 40. Constructed Flood Control Channel. Hinebaugh Creek
Downstream from Snyder Lane in Rohnert Park, Spring 2000



Photo 41. Constructed Flood Control Channel. Hinebaugh Creek
Upstream from Country Club Avenue in Rohnert Park,
Spring 2001.



Photo 42. Santa Rosa Creek



Photo 43. Santa Rosa Creek Downstream from Fulton Road



Photo 44. Restored Creek Channel



Photo 45. Brush Creek Stream Restoration



Photo 46. Copeland Creek, Downstream of Snyder Lane. Shortly After Sediment was Excavated.



Photo 47. Copeland Creek, Upstream of Pedestrian Bridge. No Recent Sediment Removal.



Photo 48. Five Creek, Downstream from Snyder Lane



Photo 49. Piner Creek Upstream from Gordon Creek Drive



Photo 50. Lower Russian River: Healdsburg Memorial Beach, Showing Seasonal Dam



Photo 51. Lower Russian River: Monte Rio Beach



Photo 52. Russian River Estuary, Mouth Open



Photo 53. Russian River Estuary, Mouth Closed



Photo 54. Russian River Estuary Looking Upstream, Mouth Closed



Photo 55. Estuary – Aerial View Looking North



Photo 56. Russian River Estuary, Mouth Closed